

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Catherine J. PACHUK. Confirmation No.: 9095  
Serial No.: 10/531,349 Group Art Unit: Not yet assigned  
Filed: April 15, 2005 Examiner: Not yet assigned  
For: DOUBLE-STRANDED RNA STRUCTURES AND CONSTRUCTS, AND METHODS  
FOR GENERATING AND USING THE SAME

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☐ Pursuant to 37 C.F.R. §1.98, a copy of each non-US patent document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98.
- ☒ Publications listed on the attached Form PTO/SB/08 were cited in a foreign search or examination report corresponding to European patent application serial no. **03776504.7** and mailed on **July 5, 2007**, a copy of which is attached hereto.

- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. English language publication \_\_\_\_\_ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) \_\_\_\_\_ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) \_\_\_\_\_ cited in the attached Form PTO/SB/08.
- ☐ Enclosed is a copy of pending patent Application Serial No. \_\_\_\_\_.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☐ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- ☒ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08 to the undersigned.

Dated: August 24, 2007

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Respectfully submitted,  
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PTO/SB/08A (07-05)  
Approved for use through 07/31/2006. OMB 0651-0031

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/531,349
		Filing Date	April 15, 2005
		First Named Inventor	Catherine J. PACHUK
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet	2 of 2	Attorney Docket No.	NUCL-019/01US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		PCT/US2003/024610	05-21-2004	UNIVERSITY OF MASSACHUSETTS		

OTHER – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/R.S./		Exmr. H. Voigt-Ritzer Supplemental European Search Report issued July 5, 2007 in EP 03776504.7	
/R.S./		YU <i>et al.</i> RNA interference by expression of short-interfering RNAs and hairpin RNAs in mammalian cells. <u>PNAS</u> April 30, 2002, pp. 6047-6052 Vol. 99: No. 9 University of Michigan, Ann Arbor, Michigan, United States	
/R.S./		AMBROS <i>et al.</i> microRNAs: Tiny Regulators with Great Potential <u>Cell</u> December 28, 2001, Vol. 107, pp. 823-826 Dartmouth Medical School, Hanover, New Hampshire, United States	
/R.S./		CHOPRA <i>et al.</i> Using RNA interference to modulate gene expression <u>TARGETS</u> Sept. 3, 2002, pp. 102-108 Vol. 1, No. 3 Nucleonics, Inc. Malvern Pennsylvania, United States	

Examiner Signature	/Richard Schnizer/	Date Considered	04/02/2008
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number (optional). <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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